OCT 2 7 2005

Ifw/AF

| TRANSMITTAL FORM  (to be used for all correspondence after initial filing)  |                                       |  | Application No.                               | 10/73 | 1,610  |  |  |
|---|---------------------------------------|--|---|-------|--|--|--|
|   |                                       |  | Filing Date                                   | Decen | nber 8, 2003   |  |  |
|   |                                       |  | First Named Inventor                          | Chong | Ki Kwon  |  |  |
| ·   |                                       |  | Art Unit                                      | 2817  |  |  |  |
|   |                                       |  | Examiner Name                                 | Khanh | Khanh V. Nguyen  |  |  |
| Total Number of Pages in This Submission 13   |                                       |  | Attorney Docket Number                        | 5882P | 068  |  |  |
|   | ENCLO                                 | SURES (chec  | ck all that apply)                            |       |  |  |  |
| Fee Transmittal   | Form                                  | Drawing(s)   |   | ☐ f   | After Allowance Communication o Group                              |  |  |
| Fee Attact  | Fee Attached                          |  | Licensing-related Papers                      |       | Appeal Communication to Board f Appeals and Interferences          |  |  |
| Amendment / Re  | Amendment / Response                  |  | Petition                                      |       | ppeal Communication to Group<br>Appeal Notice, Brief, Reply Brief) |  |  |
|   | After Final Affidavits/declaration(s) |  | Petition to Convert a Provisional Application |       | Proprietary Information  |  |  |
| Extension of Time Request   |                                       | Power of Attorney, Revocation Change of Correspondence Address |   |       | Status Letter  |  |  |
| Express Abandonment Request   |                                       | Terminal Disclaimer  |   |       | Other Enclosure(s) Delease identify below):                        |  |  |
| Information Disclosure Statement  |                                       | Request for Refund   |   | Re    | eturn Receipt Postcard   |  |  |
| PTO/SB/0  | 8                                     | CD, Number of CD(s)  |   |       |  |  |  |
| Certified Copy of Priority Document(s)  |                                       | <u> </u>   |   |       |  |  |  |
| Response to Missing Parts/<br>Incomplete Application  |                                       | Remarks  |   | _l    |  |  |  |
| Basic Filing Fee  |                                       |  |   |       |  |  |  |
| Declaration/POA   |                                       |  | ,   |       |  |  |  |
| Response to Missing Parts under 37 CFR 1.52 or 1.53   |                                       |  |   |       |  |  |  |
|   | SIGNATUR                              | E OF APPLICAI  | NT, ATTORNEY, OR A                            | GENT  |  |  |  |
| Firm<br>or  | , Reg. No. 30                         | ,139   |   |       |  |  |  |
|   |                                       | SOKOLOPF, TAYLOR & ZAFMAN LLP                                  |   |       |  |  |  |
| Signature   |                                       | Fill .   |   |       |  |  |  |
| Date October 25, 2005   |                                       |  |   |       |  |  |  |
|   |                                       |  | ING/TRANSMISSION                              |       |  |  |  |
| I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |                                       |  |   |       |  |  |  |
| Typed or printed name Erin Flynn  |                                       |  |   |       |  |  |  |
| Signature Signature   |                                       | Nun  | $\overline{}$                                 | Date  | October 25, 2005   |  |  |

Signature

| TEE TOANGMITTAL  | Complete if Known    |                  |  |  |
|--|----------------------|------------------|--|--|
| FEE TRANSMITTAL  | Application Number   | 10/731,610       |  |  |
| for FY 2005  | Filing Date          | December 8, 2003 |  |  |
| Patent fees are subject to annual revision.            | First Named Inventor | Chong Ki Kwon    |  |  |
| Applicant claims small entity status. See 37 CFR 1.27. | Examiner Name        | Khanh V. Nguyen  |  |  |
|  | Art Unit             | 2817             |  |  |
| TOTAL AMOUNT OF PAYMENT (\$)                           | Attorney Docket No.  | 5882P068         |  |  |

| METHOD OF PAYMENT (check all that apply)   |  |             |       |  |          |  |  |  |
|--|--|-------------|-------|--|----------|--|--|--|
| ☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify):  |  |             |       |  |          |  |  |  |
| Deposit A  | Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP |             |       |  |          |  |  |  |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  Charge fee(s) indicated below  Charge any additional fee(s) or underpayment of fee(s)  Credit any overpayments  under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. |  |             |       |  |          |  |  |  |
| FEE CALCULATION  |  |             |       |  |          |  |  |  |
|  |  |             |       |  |          |  |  |  |
| Large Er   |  | Small       |       |  |          |  |  |  |
| Fee<br>Code  | Fee<br>(\$)  | Fee<br>Code |       | Fee Description  | Fee Paid |  |  |  |
| 1051   | (Ψ)<br>130   | 2051        | • •   | Surcharge - late filing fee or oath  |          |  |  |  |
| 1052   | 50   | 2052        |       | Surcharge - late ming led of dath  Surcharge - late provisional filing fee or cover sheet. |          |  |  |  |
| 2053   | 130  | 2053        |       | Non-English specification  |          |  |  |  |
| 1251   | 120  | 2251        | 60    | Extension for reply within first month   |          |  |  |  |
| 1252   | 450  | 2252        | 225   | Extension for reply within second month  |          |  |  |  |
| 1253   | 1,020  | 2253        |       | Extension for reply within third month   |          |  |  |  |
| 1254   | 1,590  | 2254        |       | Extension for reply within fourth month  |          |  |  |  |
| 1255   | 2,160  | 2255        |       | Extension for reply within fifth month   |          |  |  |  |
| 1401   | 500  | 2401        | 250   | Notice of Appeal   |          |  |  |  |
| 1402   | 500  | 2402        | 250   | Filing a brief in support of an appeal   |          |  |  |  |
| 1403   | 1,000  | 2403        | 500   | Request for oral hearing   |          |  |  |  |
| 1451   | 1,510  | 2451        | 1,510 | •  |          |  |  |  |
| 1460   | 130  | 2460        |       | Petitions to the Commissioner  |          |  |  |  |
| 1807   | 50   | 1807        |       | Processing fee under 37 CFR 1.17(q)  |          |  |  |  |
| 1806   | 180  | 1806        | 180   | •  |          |  |  |  |
| 1809   | 790  | 1809        | 395   | Filing a submission after final rejection (37 CFR § 1.129(a))                              |          |  |  |  |
| 1810   | 790  | 2810        |       | For each additional invention to be examined (37 CFR § 1.129(b))                           |          |  |  |  |
| Other fee (specify)  |  |             |       |  |          |  |  |  |
|  | \ 1 -  | ,,          |       | SUBTOTAL (2)   |          |  |  |  |

| SUBMITTED BY      |               |     |   |                  |        |           | Complete (if applicable) |  |
|-------------------|---------------|-----|---|------------------|--------|-----------|--------------------------|--|
| Name (Print/Type) | Eric S. Hyman |     | n | Registration No. | 30,139 | Telephone | (310) 207-3800           |  |
| Signature         |               | (ii | W |                  |        | Date      | 10/25/05                 |  |

Based on PTO/SB/17 (12-04) as modified by Blakely, Solokoff, Taylor & Zafman (will 12/15/2004, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



## REPLY UNDER 37 CFR 1.116 EXPEDITED PROCEDURE TECHNOLOGY CENTER 2817

Attorney's Docket No. 5882P068

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of:        |                           |
|------------------------------|---------------------------|
| Chong Ki Kwon                | Examiner: Khanh V. Nguyen |
| Application No. 10/731,610   | ) Art Group: 2817         |
| Filed: December 8, 2003      | )                         |
| For: Variable Gain Amplifier | )<br>}                    |
|                              | <del>-</del>              |

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

In response to the Office Action mailed August 11, 2005, in connection with the above referenced patent application, Applicants respectfully request entry of the following amendments and requests reconsideration in view of the following remarks.